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DATE: April 13, 2004

PTO IDENTIFIER: Application Number 09/670756-Conf. #6507

Patent Number

Inventor: Kenneth RHODES et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (703) 872-9306

FROM: LAHIVE & COCKFIELD, LLP

Jonathan M. Sparks, Ph.D.

PHONE: (617) 227-7400

Attorney Dkt. #: AHN-070CP+

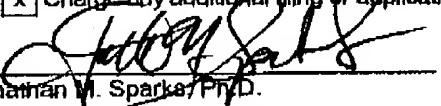
PAGES (Including Cover Sheet): 13

CONTENTS: Amendment Transmittal (1 page);
 Amendment and Response to Final Office Action (9 pages)
 Associate Power of Attorney (1 page), and
 Certificate of Transmission under 37 CFR 1.8 (1 page).

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LAHIVE & COCKFIELD, LLP
 28 State Street, Boston, Massachusetts 02109
 Telephone: (617) 227-7400 Facsimile: (617) 742-4214

AMENDMENT TRANSMITTAL LETTER				Docket No. AHN-070CP4	
Application No. 09/670756-Conf. #6507	Filing Date September 27, 2000	Examiner J. F. Murphy	Art Unit 1646		
Applicant(s): Kenneth RHODES et al.					
Invention: POTASSIUM CHANNEL INTERACTORS AND USES THEREFOR					
TO THE COMMISSIONER FOR PATENTS					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	22	- 54 =	0	x	0.00
Independent Claims	7	- 15 =	0	x	
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: 0.00					
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity <input checked="" type="checkbox"/> No additional fee is required for this amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
Dated: <u>April 13, 2004</u>					
 Jonathan M. Sparks, P.H.D. Attorney Reg. No.: 53,624					
LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400					

PTO/SB/97 (12-97)

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Amendment Transmittal (1 page);

Amendment and Response to Final Office Action (9 pages)

Associate Power of Attorney (1 page); and

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rhodes, K. *et al.*

Serial No.: 09/670,756

Filed: September 27, 2000

For: **POTASSIUM CHANNEL INTERACTORS AND
USES THEREFOR**Attorney Docket No.: AHN-070CP4
(Previously MNI-070CP4)

Group Art Unit: 1646

Examiner: Murphy, Joseph F.

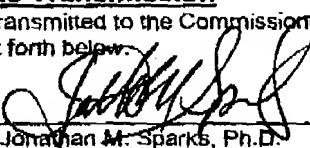
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By: April 13, 2004
Date of SignatureJonathan M. Sparks, Ph.D.
Agent for Applicants
Reg. No.: 53,624**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This communication is responsive to the Office Action dated January 13, 2004. Please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5.